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(71) Applicants:
- PILKINGTON PLC
  St. Helens, Merseyside WA10 3TT (GB)
- Pilkington North America, Inc.,
  as Libbey-Owens-Ford Co
  Toledo, Ohio 43695 (US)

(72) Inventors:
- Ammerlaan, Johannes Andreas Maria
  5615 CJ Eindhoven (NL)
- McCurdy, Richard Joseph
  Aurora, IL 60506 (US)
- Hurst, Simon James
  Cheshire WA7 1QW (GB)

(74) Representative: Halliwell, Anthony Charles et al
Group Intellectual Property Dept,
Pilkington European Technical Centre,
Pilkington plc,
Hall Lane,
Lathom
Ormskirk, Lancashire L40 5UF (GB)

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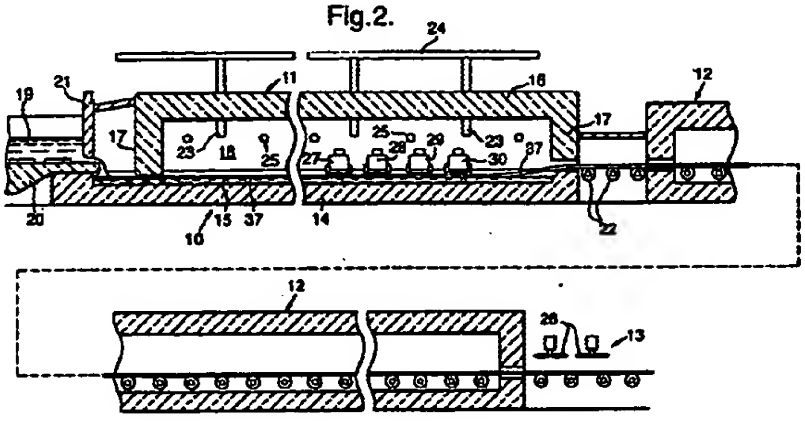
(54) Photocatalytically active coated substrates

(57) A self cleaning photocatalytically active coated substrate, especially a glass substrate, is disclosed, the coated substrate having a photocatalytically active titanium oxide coating on one surface thereof The coated substrate exhibits, in one aspect, high photocatalytic activity of greater than 5 x 10^{-3} $cm^{-1}min^{-1}$ and low visible light reflection measured on the coated side of 35% or lower and in another aspect is durable to abrasion such that the coated surface remains photocatalytically active after it has been subjected to 300 strokes of the European standard abrasion test.

Fig.2.



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